

CS&IIR Workshop 2006 Agenda [Amended](#)

Wednesday, May 10, 2006

Building 5200, Visitor Center

07:30am – 08:00am

Registration and Badging

Building 5100, Auditorium (Room 128)

08:00am – 08:30am

Refreshments available

Delta Crown Room, Room 140

08:00am – 08:10am

Joseph P. Trien/Brian A. Worley

Welcome & Overview

08:15am – 08:45am

Lee Hively, ORNL

New Paradigm for Cyber Security

08:50am – 09:20am

Axel Krings, U of Idaho

Fault-Models in Wireless Communication:
Towards Survivable Ad-Hoc Networks

09:25am – 09:55am

James Caverlee, Ga Tech
Mudhakar Srivatsa, Ga Tech
Ling Liu, Ga Tech

Countering Web Spam Using Link-Based
Analysis

09:55am – 10:10pm

BREAK

Delta Crown Room, Room 140

10:15am – 10:45am

Lori Delooze, USNA

Applying Soft Computing Techniques to
Intrusion Detection

10:50am – 11:20am

Jugal Kalita, U of Colo
William Wilson, U of Colo

Combining Incremental Clustering and Signature
Creation for Intrusion Detection

Building 5200, Cafeteria

11:25pm – 12:20pm

Break for Lunch

Building 5100, Auditorium (Room 128)

12:30pm – 13:15pm

Thomas Longstaff, CMU

Keynote Address

13:20pm – 13:50pm

Itamar Elhanany, UT
Ortal Arazi, UT
Benjamin Arazi, UT
Derek Rose, UT
Hairong Qi, UT

Self Certified Public Key Cryptography

13:55pm – 14:25pm

Richard Brooks, Clemson

Percolation Theory and Random Key Pre-distribution
to Counter Cloning, Sybil, and Byzantine
Attacks in Networks of Embedded Systems

14:25pm – 14:40pm

BREAK

Delta Crown Room, Room 140

14:45pm – 15:15pm

Phillip Bradford, U of Ala
Xiaoyan Hong, U of Ala

Proactive Computer-system Forensics

15:20pm – 15:40pm

Aditya Mathur, Purdue
KR Jayaram, Purdue
Arif Ghafoor, Purdue
Ammar Masood, Purdue

Model Based Testing of Implementations
of Authentication and Access Control

15:45pm – 16:15pm

Andrew Walenstein, LSU
Arun Lakhotia, LSU

Direction for Research on Hardening Software
Analysis Against Adversarial Code

16:20pm – 16:50pm

Sandip Patel, U of Louisville

Secure Communication Protocol for SCADA

16:55pm – 17:25pm	Mark Burmester, FSU Breno de Medeiros, FSU Alec Yasinsac, FSU Tri le Van, FSU	Ubiquitous Security Initiative at Florida State University
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17:30pm	Day 1 Session Ends	
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Thursday, May 11, 2006 Building 5100, Auditorium (Room 128)

07:30am – 08:00am	Refreshment	Delta Crown Room, Room 140
08:00am – 08:45am	Kimberly D. Rasar, DOE OOS	Keynote Address
08:50am – 09:20am	Jim Rome, ORNL	Enclaves and Collaborative Domains
09:25am– 09:55am	Jung-Min Park, VA Tech	Ensuring Trust in Cognitive Radio Networks
10:00am – 10:15am	BREAK	Delta Crown Room, Room 140
10:20am – 10:50am	Seong-Moo Yoo, U of Ala	Modeling and implementation of Insider Threats Based on Bayes Net and Snort IDS
10:55am – 11:25am	Alec Yasinsac, FSU	Non-Boolean Authentication

Building 5200, Cafeteria

11:30am – 12:30pm	Break for Lunch
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Building 5100, Auditorium (Room 128)

12:45pm – 13:15pm	Srivatsa Mudhakar, Ga Tech James Caverlee, Ga Tech Ling Liu, Ga Tech	Security Architectures and Algorithms for Publish-Subscribe Network Services
13:20pm – 13:50pm	Carlton Pu, GA Tech Jinpeng Wei, GA Tech	Modeling, Finding, Analyzing and Taming Vulnerabilities in Unix-Style File Systems
13:55pm – 14:25pm	Kevin G. Coleman Technolytics	Combating Cyber-Crime and Terrorism
14:30pm - 16:00pm	Panel Discussion	“Roadmap for Research” Panelists: Richard Brooks (Clemson); Axel Krings (Univ of Idaho); Thomas Longstaff (CMU); Carlton Pu (GA Tech); Kimberly Rasar (DOE HQ)

17:00pm	CS&IIR Workshop 2006 Ends	
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CS&IIR Workshop 2007 tentatively scheduled for April 26-27, 2007